

SPIRE/PACS (CEA-SBT)	Monthly Report – February 2004	Date:	March 10 th , 2004
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Work Package: Cooler

1. Subsystem Progress Since Project Inception		
Product Assurance plan implemented. STM and CQM units delivered to SPIRE and PACS. FM units manufacturing in progress		
2. Subsystem Progress This Month		
<ul style="list-style-type: none"> - Kevlar characterisation campaign : SPIRE STM now available – refining of tensioning procedure to follow - FM manufacturing : Parts verification and fit check done. Some parts remachined (now available). Photographic records of most parts done. Heat switches parts should be available in a couple days. - Laser marking : awaiting subcontractor availability (planned for week 12) - FM assembling – brasing : contract awarded. EB welding : contract to be signed within days. - Various : protection of building and clean room enhanced 		
3. Problem Areas	Remedial Action	
4. Engineering Activities		
5. Design Changes		
6. PA/QA Activities		
General QA management.		
7. Subsystem Management Issues		
None		
8. Actions Requiring Immediate Attention		
SBT documents approval by SPIRE and PACS projects – new ICD recently issued. MAIV to follow.		
9. Status of Previous Actions		
None		
10. Activities Yet to be Achieved		
11. Milestones		Status
Winter 00-01	Coolers Detailed Design	Completed
May 17 th 2001	Coolers DDR (PACS & SPIRE)	Completed
June 26 th 2001	Subcontractor selection for machining	Completed
October 2001	Parts Delivery	Completed
Spring 2003	CQM Coolers assembling	Completed
Nov/Dec 2001	STM Coolers Assembling and Vtest	Completed
Nov. 2002	STM Coolers delivery	Completed
Spring 2003	CQM Coolers Qualification	Completed
Autumn 2003	CQM Coolers Delivery	Completed
Winter 2003	FM manufacturing	In progress
12. Schedule Changes		